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Applicant Duff and Di Giovine

Filing Date February 10, 1999

Group Art Unit 1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PS	AA 5,686,246	11/11/97	Komman et al.	435	6	08/03/95
PS	AB 5,698,399	12/16/97	Duff et al.	435	6	04/05/96

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
PS	AC WO 96/12792	05/02/96	PCT				X
	AD WO 97/02790	01/30/97	PCT				X
	AE WO 98/01481	01/15/98	PCT				X
	AF WO 98/40517	09/17/98	PCT				X
	AG WO 98/54359	12/03/98	PCT				X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

PS	AH	Blakemore et al.: "Association of Graves' Disease With an Allele of the Interleukin-1 Receptor Antagonist Gene", Journal of Clinical Endocrinology and Metabolism, 80 (1): 111-115 (1995).
	AI	Blakemore et al.: "Interleukin-1 Receptor Antagonist Gene Polymorphism As a Disease Severity Factor In Systemic Lupus Erythematosus", Arthritis & Rheumatism 37(9): 1380-1385 (1994).
	AJ	Blakemore et al.: "Interleukin-1 Receptor Antagonist Allele (IL1RN*2) Associated with Nephropathy in Diabetes Mellitus", Hum. Genet. 97: 369-374 (1996).
	AK	Blondelle et al.: "Soluble Combinatorial Libraries of Organic, Peptidomimetic and Peptide Diversities", Trends in Analytical Chemistry 14 (2): 83-92 (1995).
	AL	Clark et al.: "Genomic Sequence for Human Prointerleukin I beta: Possible Evolution from the a Reverse Transcribed Prointerleukin I alpha Gene", Nucleic Acids Research, 14 (20): 7897-7914 (1986).
	AM	Clay et al.: "Interleukin 1 Receptor Antagonist Gene Polymorphism Association With Usher Sclerosis", Hum. Genet., 94: 407-410 (1994).
	AN	Clay et al.: "Novel Interleukin-1 Receptor Antagonist Exon Polymorphisms and Their use in Allele-Specific mRNA Assessment", Hum. Genet. 97: 723-726 (1996).
	AO	Cork et al.: "An Allele of the Interleukin-1 Receptor Antagonist as a Genetic Severity Factor in Alopecia Areata", The Journal of Investigative Dermatology, 104 (5 Supplement): 15s-16s (May 1995).
	AP	Cox et al.: "An Analysis of Linkage Disequilibrium in the Interleukin-1 Gene Cluster, Using a Novel Grouping Method for Multiallelic Markers", Am. J. Hum. Genet., 62: 1180-1188 (1998).
	AQ	Di Giovine et al.: "Single Base Polymorphism at -511 in the Human Interleukin-1 β Gene (IL1 β)", Human Molecular Genetics, 1 (6): 450 (September 1992).
21	AR	Dinarello and Wolff: "The Role of Interleukin -1 In Disease", The New England Journal of Medicine, 328(2):106-113 (Jan. 14, 1993).

site-generating
study of

for probeless

8/3/00

AS	Gasparini et al.; "Restriction Site-Generating Polymerase Chain Reaction (RG-PCR) for Probeless Detection of Hidden Genetic Variation: Application to the Study of Some Common Cystic Fibrosis Mutations", Molecular and Cellular Probes, 6: 1-7 (1992).
AT	Gibbs et al.; "Detection of Single DNA Base Differences by Competitive Oligonucleotide Priming", Nucleic Acids Research 17(7): 2437-2448 (1989).
AU	Kristiansen et al.; "A Novel Interleukin-1 β Gene Polymorphism: Relevance for IDDM Age-at-Onset?", Immunology 47: A 219(Suppl. no.0847), (1998).
AV	Lai et al.; "Reduced Susceptibility To IL-1 And Endotoxin In Transgenic Mice Expressing IL-1 In Their Lens", Cytokine, 8(4): 288-293 (April 1996).
AW	Levine et al.; "Sonic Hedghog Promotes Rod Photoreceptor Differentiation in Mammalian Retinal Cells In Vitro", The Journal of Neuroscience, 17(16): 6277-6288 (August 15, 1997).
AX	Mansfield et al.; "Novel Genetic Association Between Ulcerative Colitis and the Anti-Inflammatory Cytokine Interleukin-1 Receptor Antagonist", Gastroenterology, 106 :637-642 (1994).
AY	McDowell et al.; "a Genetic Association Between Juvenile Rheumatoid Arthritis and a Novel Interleukin-1 α Polymorphism", Arthritis and Rheumatism, 38 (2): 221-228 (February 1995).
AZ	MØlvig et al.; "Endotoxin- Stimulated Human Monocyte Secretion of Interleukin-1, Tumour Necrosis Factor Alpha, and Prostaglandin E ₂ Shows Stable Interindividual Differences", Scand. J. Immunol. 27 : 705-716 (1988).
BA	Orita et al.; "Detection of Polymorphisms of Human DNA by Gel Electrophoresis as Single-Strand Conformation Polymorphisms", Proc. Natl. Acad. Sci. USA 86: 2766-2770 (April 1989).
BB	Pociot et al.; "A TqI Polymorphism in the Human Interleukin-1 β (IL-1 β) Gene Correlates With IL-1 β Secretion in Vitro", European Journal of Clinical Investigation 22: 396-402 (1992).
BC	Tarlow et al.; "Polymorphism in Human IL-1 Receptor Antagonist Gene Intron 2 is Caused by Variable Numbers of an 86-bp Tandem Repeat", Human Genetics, 91 :403-404 (1993).
BD	Xie et al.; "Mutations of the PATCHED Gene in Several Types of Sporadic Extracutaneous Tumors", Cancer Research 57 :2369-2372 (June 15, 1997).
BE	INTERNATIONAL SEARCH REPORT Mailed on June 7, 2000.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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